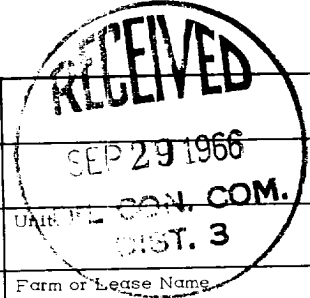


NEW MEXICO OIL CONSERVATION COMMISSION  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122  
Revised 9-1-65



Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date <b>9-5-66</b>	
Company <b>Tenneco Oil Co.</b>		Connection	
Pool <b>Blanco Pictured Cliffs</b>		Formation <b>Pictured Cliffs</b>	
Completion Date		Total Depth	
		Plug Back TD <b>2956</b>	
Elevation		Farm or Lease Name <b>Riddle A</b>	
Csg. Size <b>3.5</b>	Wt.	d	Se: At <b>2986</b>
Perforations: From <b>2910</b> To <b>2922</b>		Well No. <b>M-3</b>	
Tbg. Size	Wt.	d	Se: At
Perforations: From To		Unit Sec. Twp. Rge. <b>A 18 30 9</b>	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple <b>Single</b>			Packer Set At
			County <b>San Juan</b>
Producing Thru		Reservoir Temp. °F	
		Mean Annual Temp. °F	
		Baro. Press. - P <sub>a</sub> <b>12.0</b>	
		State <b>N.M.</b>	
L <b>2910</b>	H	Gg <b>.650</b>	% CO <sub>2</sub>
			% N <sub>2</sub>
			% H <sub>2</sub> S
			Prover
			Meter Run
			Taps

FLOW DATA				TUBING DATA			CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	
1.	<b>2</b>	<b>x</b>	<b>3/4</b>				<b>914</b>		<b>3 hr.</b>
2.							<b>216</b>	<b>60</b>	
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.	<b>12.3650</b>		<b>228</b>	<b>1.000</b>	<b>.9608</b>	<b>1.023</b>	<b>2770</b>
2.							
3.							
4.							
5.							

NO.	P <sub>t</sub>	Temp. °R	T <sub>r</sub>	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P <sub>c</sub> <b>926</b>	P <sub>c</sub> <sup>2</sup> <b>857476</b>			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0771}$	(2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0651}$
NO.	P <sub>t</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>t</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	
1.	<b>51984</b>	<b>248</b>	<b>61350</b>	<b>776126</b>	
2.					
3.					
4.					
5.					

AOF = Q  $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2950}$

Absolute Open Flow <b>2950</b> Mcfd @ 15.025	Angle of Slope $\theta$ _____	Slope, n <b>.85</b>
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Remarks: \_\_\_\_\_

Approved By Commission:	Conducted By:	Calculated By: <b>Neil Tefteller</b>	Checked By: <i>E. Massey</i>
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